Tissue Embedding System LX100TES

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Description

Tissue Embedding System LX100TES is a high-end, precision-engineered device designed for pathology laboratories, offering outstanding performance and user experience. With its intelligent design and intuitive interface, it caters to both novice and experienced users. Featuring advanced temperature control, a high-definition touch screen interface, and efficient wax management, this ensures the stability, accuracy, and efficiency needed for high-quality tissue embedding. Its cold table provides ultra-low temperature protection, making it a reliable solution for demanding histology applications.

Specifications

Paraffin chamber capacity	12 Liters
Temperature range of paraffin chamber	RT- 75°C
Temperature range of cooling plate	-30°C- RT
Temperature humidity	5~45°C,
Temperature control precision	±1%
Paraffin flow control	Finger touch plate and optional foot pedal
Power of embedding unit	1000 W
Power of cooling plate	200 W
Working voltage	AC 220V ± 10%, 50Hz
Dimension of paraffin chamber	270 x 150 x 150 mm
Dimension of embedding unit	620 x 560 x 410 mm
Dimension of cooling plate	750 x 545 x 500 mm
Net weight of embedding unit	39 Kg
Net weight of cooling plate	48 Kg
Packing dimension	270 x 150 x 150 mm 620 x 380 x 410 mm
Gross weight	40 Kg 25 Kg

Features

- 10.1 inches embedding unit and 5.6 inches cold plate HD touch screens for easy, intuitive control
- Independent temperature control for all key components
- Triple wax filtration system ensures wax purity
- Quick wax melting and real-time wax level detection for enhanced efficiency
- Finger touch panel and optional foot pedal
- Cold table cooling to -30°C for optimal sample preservation
- User-friendly design

Applications

- It is widely used in histopathology laboratories for precise paraffin embedding of tissue samples before microtomy. It ensures efficient processing, temperature control and rapid cooling for high throughput specimen preparation.

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